

WHAT IS CLAIMED IS:

5.5 A.1)
1. A web server for receiving print information from a plurality of clients via the internet and enabling a designated printer to execute print processing of the print information, comprising:

managing means for managing print attribute information on the occasion of executing said print processing by a plurality of printers under control;

communicating means for receiving said print information from said clients via the internet; and

controlling means for using said print attribute information managed by said managing means to cause a destination printer to execute said print processing of said print information when said print information is received from an external client via the internet.

2. A web server according to claim 1, wherein said attribute information includes an attribute relating to print paper.

3. A web server according to claim 1, wherein said attribute information includes an attribute relating to an output characteristic of said printer.

4. A web server according to claim 1, further comprising judging means for judging whether the received print information is received from an external

client through the internet or received from a client under control via a local area network, wherein when said judging means determines that said received print information is received from a client under control, said controlling means transmits said print information to a destination printer without modifying said print information.

5. A web server according to claim 1, wherein said attribute information generated by a client under control and/or an external client is received to be held and translated into a file in accordance with each printer.

6. A web server according to claim 1, wherein said print information received via the internet is a file which is generated by an OS and takes a form of intermediate data.

7. A print processing method using a web server for receiving print information from a plurality of clients via the internet and enabling a designated printer to execute print processing of said print information, comprising:

a management step for managing print attribute information when executing said print processing by a plurality of printers under control; and

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a control step for using said print attribute information under control to execute said print processing of said print information by a destination printer when said print information is received from an external client via the internet.

8. A print processing method according to claim 7, wherein said attribute information includes an attribute relating to print paper.

9. A print processing method according to claim 7, wherein said attribute information includes an attribute relating to an output characteristic of said printer.

10. A print processing method according to claim 7, further comprising a judgment step for judging whether said received print information is received from an external client via the internet or received from a client under control via a local area network, wherein when it is determined that said received print information is received from a client under control in said judgment step, said print information is controlled to be transmitted to a destination printer without any change in said control step.

11. A print processing method according to claim

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7, wherein said attribute information generated by a client under control and/or an external client is received to be held and translated into a file in accordance with each printer.

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12. A print processing method according to claim 7, wherein said print information received via the internet is a file in the form of intermediate data generated by an OS.

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13. A computer-readable storage medium for storing a print processing program using a web server for receiving print information from a plurality of clients via the internet and enabling a designated printer to execute print processing of said print information, said print processing program comprising:

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a program code for managing in a memory print attribute information used when executing said print processing by a plurality of printers under control;

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and

a program code for controlling in such a manner that said print information is subjected to said print processing by a destination printer by using said managed print attribute information when said print information is received from an external client via the internet.

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14. A storage medium according to claim 13,
wherein said attribute information includes an
attribute relating to print paper.

5 15. A storage medium according to claim 13,
wherein said attribute information includes an
attribute relating to an output characteristic of said
printer.

10 16. A storage medium according to claim 13,
wherein said print processing program further comprises
a judgment step for judging whether said received print
information is received from an external client via the
internet or received from a client under control via a
15 local area network, said program code transmitting said
received print information to a destination printer
without any change when it is determined that said
print information is received from a client under
control.

20 17. A storage medium according to claim 13,
wherein said attribute information generated by a
client under control and/or an external client is
received to be held and translated into a file in
25 accordance with each printer.

18. A storage medium according to claim 13,

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wherein said print information received via the internet is a file in the form of intermediate data generated by an OS.

5 19. A print processing program used by a web server for receiving print information from a plurality of clients via the internet and enabling a designated printer to execute print processing of said print information, said print processing program comprising:

10 a program code for managing in a memory print attribute information used when executing said print processing by a plurality of printers under control; and

15 a program code for executing said print processing of said print information by a destination printer by using said print attribute information under control when said print information is received from an external client via the internet.

20 20. A print processing program according to claim 19, wherein said attribute information includes an attribute relating to print paper.

25 21. A print processing program according to claim 19, wherein said attribute information includes an attribute relating to an output characteristic of said printer.

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22. A print processing program according to claim 19, further comprising a judgment step for judging whether said received print information is received from an external client via the internet or received from a client under control via a local area network, wherein said program code transmits said print information to a destination printer without any change when it is determined that said received print information is received from a client under control.

23. A print processing program according to claim 19, wherein said attribute information generated by a client under control and/or an external client is received to be held and translated into a file in accordance with each printer.

24. A print processing program according to claim 19, wherein said print information received via the internet is a file in the form of intermediate data generated by an OS.

25. A print server for receiving print information from a plurality of clients and enabling a designated printer to execute print processing of said print information, comprising:

managing means for managing print attribute information which is received from a first client and

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used for executing said print processing by said printer;

distributing means for distributing said print attribute information to a second client in response to a request for acquiring said print attribute information received from said second client; and

outputting means for receiving print information generated by a printer driver of said second client based on said transmitted print attribute information and outputting said print information to a designated printer.

26. A control method carried out in a print server for receiving print information from a plurality of clients and enabling a designated printer to execute print processing of said print information, comprising:

a management step for managing print attribute information which is received from a first client and used for executing said print processing by said printer;

a distribution step for distributing said print attribute information to a second client in response to a request for acquiring said print attribute information received from said second client; and

an output step for receiving print information generated by a printer driver of said second client based on said transmitted print attribute information

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and outputting said print information to a designated printer.

27. A computer-readable memory medium which
5 stores a computer program for receiving print
information from a plurality of clients and enabling a
designated printer to execute print processing of said
print information, said computer program comprising:

a program code for managing print attribute
10 information which is received from a first client and
used for executing said print processing by a printer;

a program code for distributing said print
attribute information to a second client in response to
a request for acquiring said print attribute
15 information received from said second client; and

a program code for receiving print information
generated by a printer driver of said second client
based on said transmitted print attribute information
and outputting said print information to a designated
20 printer.

28. A print control program for receiving print
information from a plurality of clients and enabling a
designated printer to execute print processing of said
25 print information, said print control program
comprising:

a program code for managing print attribute

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information which is received from a first client and used for executing said print processing by said printer;

5 a program code for distributing said print attribute information to a second client in response to a request for acquiring said print attribute information received from said second client; and

10 a program code for receiving print information generated by a printer driver of said second client based on said transmitted print attribute information and outputting said print information to a designated printer.

29. An information processing apparatus as a client for communicating with a server for managing print attribute information when executing print processing by a printer, comprising:

issuing means for issuing a request for acquiring print attribute information to said server;

20 print attribute setting means for acquiring said print attribute information in response to said issued acquisition request and performing print setting as a print attribute of print information; and

25 printer driver means for generating said print information based on said set print attribute.

30. An information processing apparatus according

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to claim 29, further comprising:

inputting means for inputting print attribute information constituted by document-dependent setting information and device-dependent setting information;

5 and

registering means for transmitting said inputted print attribute information to said server to be registered.

10 31. A method for controlling an information processing apparatus as a client for communicating with a server for managing print attribute information when executing print processing by a printer, comprising:

15 an issuing step for issuing a request acquiring print attribute information to said server;

a print attribute setting step for acquiring said print attribute information in response to said issued acquisition request and performing print setting as a print attribute of print information; and

20 a generating step for using a printer driver to generate said print information based on said set print attribute.

25 32. A method according to claim 31, further comprising:

an inputting step for inputting print attribute information constituted by document-dependent setting

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information and device-dependent setting information;
and

a registering step for transmitting said inputted
print attribute information to said server to be
5 registered.

33. A computer-readable storage medium storing an
information processing program used by a client
communicating with a server managing print attribute
10 information when executing print processing by a
printer, said information processing program
comprising:

a program code for issuing a request for acquiring
print attribute information to said server;

15 a program code for acquiring said print attribute
information to be set for printing as a print attribute
of print information in response to said issued
acquisition request; and

a program code for generating said print
20 information based on said set print attribute.

34. A storage medium according to claim 33,
wherein said information processing program further
includes:

25 a program code for inputting print attribute
information constituted by document-dependent setting
information and device-dependent setting information;

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and

a program code for transmitting said inputted
print attribute information to said server to be
registered.

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